CLAIMS

What is claimed to be new and desired to be protected by Letters Patent is set forth in the appended claims.

I claim:

1. A glider wheelchair, comprising:

a) a first frame formed of spaced apart rigid side members connected together by cross braces, each of said side members having upper and lower members and front and rear members;

b) a pair of main wheels connected to said first frame, wherein at least one of said main wheels serves as a driving wheel for the glider wheelchair;

c) at least one caster wheel pivotally connected with said first frame;

d) a second frame formed of spaced apart rigid side members connected together by cross braces, each of said side members having upper and lower members and front and rear members, wherein said second frame is disposed within said first frame;

e) a seat being disposed on said second frame, said seat having a back disposed thereon to permit a person to sit in the seat; and,

f) a plurality of swing arms connecting second frame to said first frame wherein said second frame moves in a glider motion between said front and said rear of the glider wheelchair.

2. The glider wheelchair of Claim 1, wherein said pair of main wheels are disposed on said rear of said first frame and said caster wheel is disposed on said front of said first frame.

3. The glider wheelchair of Claim 1, wherein said caster wheel comprises a pair of caster wheels.

4. The glider wheelchair of Claim 3, further comprising a pair of foot rests disposed on said front of said first frame to permit a user to place their feet thereon.

5. The glider wheelchair of Claim 4, wherein said plurality of said swing arms comprise four swing arms, each of said swing arms being substantially vertically disposed having upper and lower ends, wherein said swing arms are spaced apart about said seat of the glider wheelchair.

6. The glider wheelchair of Claim 5, wherein said upper end of each of said swing arms are pivotally connected to said first frame and said lower end of each of said swing arms are pivotally connected to said second frame to permit the second frame to move in a glider motion within said first frame.

7. The glider wheelchair of Claim 6, wherein said upper end of each of said swing arms are pivotally connected to said upper member of said first frame and said lower end of each of said swing arms are pivotally connected to said lower member of said second frame.

8. The glider wheelchair of Claim 7, further comprising means for a pivotal connection disposed on said upper and lower ends of said swing arms whereby the swing arms are pivotally connected to the first and second frames.

9. The glider wheelchair of Claim 8, wherein said means for a pivotal connection comprises a pivotal connection disposed on said upper and lower ends of said swing arms for pivotally connecting said first and second frames, wherein said pivotal connection comprises a pivot hinge and a sleeve bearing to permit pivotal connection of the first and second frames.

10. The glider wheelchair of Claim 9, further comprising means for a locking handle disposed on said first frame whereby the first frame is releasably fixed to at least one of the swing arms.

11. The glider wheelchair of Claim 10, wherein said means for a locking handle comprises a handle connected to a locking pin, wherein said first frame and said swing arms each have co-aligned apertures, wherein said locking pin is movably inserted through

said apertures to lock said first frame to said swing arm to permit the first frame and the swing arm to be movably fixed to each other.

12. The glider wheelchair of Claim 11, further comprising at least one brake disposed on said caster wheels, wherein said brake is operated by a foot of a user to permit the glider wheelchair to be releasably secured in place.

13. The glider wheelchair of Claim 12, further comprising at least one brake disposed on said main wheels, wherein said brake is operated by a hand of a user to permit the glider wheelchair to be releasably secured in place.

14. The glider wheelchair of Claim 13, further comprising at least one front stop and at least one rear stop disposed on said first frame, wherein said front stop limits the forward motion of said swing arm and said rear stop limits the rearward motion of said swing arm to permit the glider wheelchair to be stabilized.

15. The glider wheelchair of Claim 14, further comprising a pair of arm rests disposed over said upper members of said first and second frames to permit a user to rest their arms thereon.

16. The glider wheelchair of Claim 15, further comprising an electrical linear motion drive system and an electrical glider motion drive system to permit the glider wheelchair to be driven so as to provide linear motion and glider motion, wherein when said

linear motion drive system is operational said glider motion drive system is not operational, wherein when said glider motion drive system is operational said linear motion drive system is not operational.